

Gree GWC12AVCXD-S6DTA1C

GREE GWC12AVCXD-S6DTA1C Split Air Conditioner User Manual

AI Pro Inverter 12000 BTU Cold Only

1. PRODUCT OVERVIEW

The GREE GWC12AVCXD-S6DTA1C is a high-performance 12000 BTU split air conditioner designed for efficient and powerful cooling. Featuring advanced AI Pro Inverter technology, this unit optimizes energy consumption while delivering superior comfort. It utilizes R32 refrigerant, contributing to a reduced environmental impact.

Key features include:

- **Powerful Cooling:** Delivers a strong 12000 BTU capacity for rapid space cooling.
- **Energy Efficient:** Inverter technology ensures optimal energy use and lower utility bills.
- **Improved Airflow:** Boasts a 10% increase in airflow for faster and more even cooling.
- **Long Distance Air Supply:** Effectively cools larger areas with extended reach.
- **Smart Technology:** G-AI 2.0 technology enhances overall performance and user experience.
- **Self-Cleaning:** Maintains indoor and outdoor units for optimal efficiency.
- **Durable Compressor:** G-Boost inverter compressor provides powerful and consistent cooling.



Figure 1: GREE GWC12AVCXD-S6DTA1C Split Air Conditioner, showing both the indoor and outdoor units.

2. INSTALLATION AND SETUP

Proper installation is crucial for the optimal performance and longevity of your GREE air conditioner. It is highly recommended that installation be performed by a certified professional.

2.1 Pre-Installation Considerations

- **Power Supply:** Ensure a stable 220 Volts power supply is available at the installation site.
- **Space Requirements:** Consider the product dimensions (20.01 x 90.7 x 29.2 cm for indoor unit, and outdoor unit dimensions for proper air circulation and maintenance access).
- **Weight:** The total item weight is approximately 42.5 Kilograms. Ensure the mounting surfaces can support this weight.
- **Location:** Choose a location that allows for efficient air distribution throughout the room and easy access for maintenance.

2.2 Installation Steps (Professional Recommended)

1. Mount the indoor unit securely on the wall, ensuring it is level.
2. Install the outdoor unit on a stable, level surface, ensuring adequate clearance for airflow.
3. Connect the refrigerant lines and electrical wiring between the indoor and outdoor units according to local codes and the detailed instructions in the included catalogue.
4. Perform a vacuum test to ensure no leaks in the refrigerant system.
5. Charge the system with the appropriate amount of R32 refrigerant.
6. Connect the unit to the power supply.
7. Test the unit's operation in all modes.

For detailed, step-by-step installation instructions, please refer to the comprehensive 'Catalogue' included with your air conditioner.

3. OPERATING INSTRUCTIONS

Your GREE AI Pro Inverter air conditioner is designed for user-friendly operation with advanced features to enhance your comfort and energy efficiency.

3.1 Basic Operation

- **Power On/Off:** Use the power button on the remote control to turn the unit on or off.
- **Mode Selection:** Select desired operating mode (e.g., Cool, Fan) using the mode button. This model is Cold Only.
- **Temperature Adjustment:** Use the up/down arrows to set your desired temperature.
- **Fan Speed:** Adjust fan speed for optimal comfort and noise level.



Figure 2: Indoor unit with remote control, highlighting features like Long-Distance Air Supply, Large Air Swing Angle, G-AI 2.0 Technology, and Self-Cleaning.

3.2 Advanced Features

- **AI Pro Inverter Technology:** This technology automatically adjusts compressor speed to maintain desired temperature with minimal energy consumption, ensuring stable cooling even in high temperatures up to 68

degrees Celsius.

- **G-AI 2.0 Technology:** Enhances overall performance and user experience through intelligent operation.
- **WiFi Enabled:** Connect your air conditioner to your home Wi-Fi network for remote control via a smartphone application.
- **Smart Voice Control:** The unit supports smart voice control, allowing integration with third-party smart speakers like Google Assistant or Amazon Alexa. This enables hands-free operation and control from anywhere in your home.

التحكم الذكي بالصوت دون إستخدام اليد Smart Voice Control to Free Your Hands

المكيف مدعوم بخاصية التحكم الذكي بالصوت وسماعات الصوت الذكية
Smart voice control is available, and the third party smart voice speakers are compatible.

متوافقة عندما تعطي الأمر يقوم مساعد قوقل أو أمازون اليكسا بإرسال الأمر إلى المكيف بدون وحدة تحكم عن بعد, يمكنك الإستمتاع بالحياة الذكية بأي وقت وأي مكان في منزلك

When you give a command, the Google Assistant or Amazon Alexa will send the command to AirQua Pro. Without a remote control, you can still enjoy smart life at anytime and anywhere in your house.

Figure 3: Illustration of Smart Voice Control functionality, showing the air conditioner responding to voice commands via smart speakers.

- **Ultra-Wide Voltage Operation:** Designed for stable and reliable operation within a wide voltage range of 130V-275V AC, protecting the unit from voltage fluctuations.

Ultra-Wide Voltage Operation

تشغيل آمن ومستقر ضمن نطاق تيار كهربائي واسع من
130 فولت حتى 275 فولت

Ultra-Wide Voltage Operation, Safe and
Reliable

Stable and reliable operation in a wide
voltage range of 130V~275V AC

AI-PRO AI-MAX
✓ ✓



Figure 4: Diagram illustrating the Ultra-Wide Voltage Operation capability, ensuring stable performance across varying power supplies.

4. MAINTENANCE

Regular maintenance ensures your GREE air conditioner operates efficiently and extends its lifespan.

4.1 Filter Cleaning

- **Frequency:** Clean the air filters every two weeks or more frequently if the unit is used heavily or in dusty environments.
- **Procedure:**
 - a. Open the front panel of the indoor unit.
 - b. Remove the air filters.
 - c. Wash the filters with lukewarm water and a mild detergent. Rinse thoroughly.
 - d. Allow filters to dry completely in a shaded area before reinserting them.

4.2 Self-Cleaning Function

Your GREE air conditioner is equipped with a self-cleaning function for both indoor and outdoor units. Refer to your remote control or the mobile app for instructions on activating this feature. This function helps prevent mold and bacteria buildup, ensuring cleaner air and optimal efficiency.

4.3 Outdoor Unit Maintenance

- Periodically check the outdoor unit for any obstructions (leaves, debris) around the condenser coils. Clear any blockages to ensure proper airflow.
- Ensure the outdoor unit is free from excessive dust or dirt buildup. If necessary, gently clean the exterior with a soft cloth.

4.4 Professional Servicing

It is recommended to have your air conditioner professionally serviced at least once a year by a qualified technician. This includes checking refrigerant levels, electrical connections, and overall system performance.

5. TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and their potential solutions:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries low; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient cooling	Dirty air filters; Doors/windows open; Temperature setting too high; Outdoor unit obstructed.	Clean air filters; Close doors/windows; Lower temperature setting; Clear obstructions from outdoor unit.
Unusual noise	Loose parts; Obstruction in fan; Unit not level.	Check for loose parts; Remove any obstructions; Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Clogged drain pipe; Improper installation.	Check and clear drain pipe; If issue persists, professional inspection is required.

If the problem persists after attempting these solutions, please contact GREE customer support or a qualified service technician.

6. SPECIFICATIONS

Detailed technical specifications for the GREE GWC12AVCXD-S6DTA1C Split Air Conditioner:

Specification	Value
Model Number	GWC12AVCXD-S6DTA1C
Cooling Capacity	12000 BTU (British Thermal Units)
Refrigerant Type	R32
Voltage	220 Volts
Wattage	15 kWh
Noise Level	39 dB

Specification	Value
Item Weight	42.5 Kilograms
Product Dimensions (Indoor Unit)	20.01 x 90.7 x 29.2 cm
Installation Method	Split System
Special Features	WiFi Enabled
Seasonal Energy Efficiency Ratio (SEER)	3.51

7. WARRANTY AND SUPPORT

GREE is committed to providing high-quality products and excellent customer service.

7.1 Warranty Information

Your GREE GWC12AVCXD-S6DTA1C air conditioner comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration. Keep your purchase receipt as proof of purchase for warranty claims.

Additional protection plans may be available for purchase, such as 1-Year or 2-Years Accidental Damage Protection Plans, and 1-Year Extended Warranty Plans. Please check with your retailer for details on these options.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact GREE customer support. Contact details can typically be found on the GREE official website or in your product documentation.

When contacting support, please have your model number (GWC12AVCXD-S6DTA1C) and purchase date ready.